Imaging in Grenoble-Isère
France: 50 years of expertise

In the heart of France’s #2 region, Auvergne-Rhône-Alpes

**IMAGING & OPTICS**

**Key figures**

- 9,000 jobs (50% in academic research)
- 80 companies
- Major industrial players such as STMicroelectronics, Sofradir, Ulis, Teledyne/e2v
- 50+ years in the field
- 7 schools & universities with a specific focus on image and optics
- 44 labs, research institutes or platforms

**GRENOBLE-ISÈRE: a region of excellence**

- **INDUSTRIAL** / Above-average concentration of French industrial jobs and world leaders: STMicroelectronics, Schneider Electric, Poma, Petzl, Vicat, Capgemini, Teisseire, Soitec, ARaymond, Air Liquide
- **MULTIMODAL** / France’s leading land-based logistics hub; top-ranked river ports
- **DIVERSIFIED** / Meeting place for micro and nanoelectronics, software, energy, healthcare technologies, chemicals and cleantech
- **INTERNATIONAL** / 4 in 10 jobs in industry under foreign flags, almost 500 non-French companies
- **INNOVATIVE** / Highest density of research jobs in France, World’s 5th -most inventive city
- **ACADEMIC** / 1 in 5 Grenoble residents is a student; universities and higher education institutes among top international rankings
- **HOSPITABLE** / A city area in the heart of the French Alps, a sustainable, sporty and cultural territory
Imagine a unique ecosystem for the Imaging industry, recognized internationally

The Grenoble-Isère ecosystem will provide you with all the links in the imaging value chain, a historical know-how beginning with the 1st CCD sensors, a wide range of detectors from infrared to visible and x-rays, with researchers and industrial players who continuously invent, design and produce new devices and algorithms. All of this stems from a very strong background and capabilities in optics and materials science, also well-represented in the nearby areas of Saint-Etienne, Clermont-Ferrand and Lyon, all in one region, Auvergne-Rhône-Alpes. These devices are then integrated into a wide variety of applications: automotive, medical, defense (security or aerospace), mobility, industry and smart buildings.

A long history and solid know-how
Imagine Talent and Bright Minds

A complete range of education course options, ranging from top-notch electronics and sensing, to optics, materials, image processing and computing

- **Grenoble INP - Phelma**: Engineering school which covers the fields of imaging and signal processing methods
- **Grenoble INP - Ensimag**: Engineering school for applied mathematics and computer science
- **IOGS - Institut d’Optique Graduate School**: Optical engineering, imaging and colours
- **INSA Lyon**: Systems and imaging
- **Telecom Saint-Étienne**: Imaging and photonics, smart-industries
- **Ecole Centrale de Lyon**: Data science, Imaging, Medical Imaging, Signals and Systems
- **Clermont-Auvergne University**: A specialized diploma for computing applied to digital imaging

Imagine Research and dedicated platforms

The entire imaging food chain is well-represented, from upstream research in photonics, optics, microelectronics, signal recognition and treatment, cognition and image processing to the applications. Technologies such as LIDAR, Surface metrology, spectral imaging, low-light and 3D imaging technologies are developed and tested here.

- **Institut Lumière Matière** (Lumière Matière Institute)
- **CEA-Leti** and the Photonics Platform
- **Inria Grenoble - Rhône-Alpes** (the French National Institute for computer science and applied mathematics)
- **LIRIS** (Laboratory of InfoRmatics in Image and Information Systems)
- **GIPSA-Lab** (Grenoble Images Speech Signal and Control laboratory)
- **Laboratoire Hubert Curien**: Photonics systems, diffractive optics, image processing
- **CREATIS**: Medical imaging and simulation

Imagine customized support for your project

- Economic project engineering and relocation assistance: **AEPI-Invest in Grenoble-Isère**, France
- **Minalogic**, a global innovation cluster for digital technologies addressing all industries—with +350 members, including +60 in the field of optics and imaging—and providing support for collaborative and innovative projects and business growth
- Technology transfer: **SATT Linkium, Floralis**
- **French Tech in the Alps**: supporting and accelerating startups
- Incubators and accelerators: **TARMAC, BizmedTech, Technolac**
- Financing partners: Business Angels, seed fund (Emertec...), dedicated events such as Forum 5i
4 reasons to choose Grenoble-Isère, France for your project

1. Imagine a unique ecosystem for the Imaging industry, recognized internationally

2. Imagine Talent and Bright Minds

3. Imagine Research and dedicated platforms

4. Imagine customized support for your project

For more than 50 years, the Grenoble region has been the undisputed and steadily growing European Imaging Cluster of reference, with a very strong ecosystem providing a wide range of Imaging technologies and solutions, thanks to very talented companies, research centers and universities.”

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Do you need help developing your business in France? We offer customized solutions!

Take advantage of our expertise

- Business and sector information
- Scheduling of visits and meetings
- Real estate proposals & visits
- Assistance in opening and operating your French organization
- Support for HR and recruiting
- Connect with the local ecosystem
- Research on funding

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Our success stories

Find out more

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